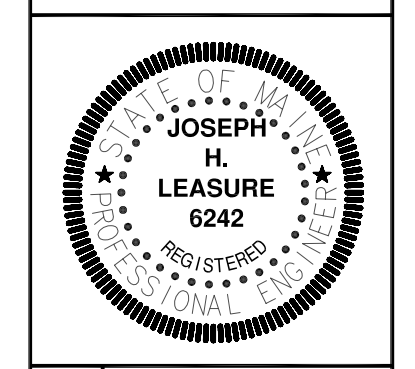


S1

PIACENTINI ADDITION
59 Phipps Rd,
Portland, Maine
GENERAL NOTES

designed by: JHL
drawn by: ELM
checked by: MFL
scale: 1/4" = 1'-0"
date: OCT. 20, 2006
plot date: OCT. 20, 2006
project #: 26181

rev.	date	description	appr'd



**L & L STRUCTURAL
ENGINEERING SERVICES, INC.**
SIX Q STREET
SOUTH PORTLAND, MAINE 04106
PHONE: (207) 767-4830
FAX: (207) 799-5432

GENERAL NOTES:

- The notes on the drawings are not intended to replace specifications. See specifications for requirements in addition to general notes.
- Structural drawings shall be used in conjunction with job specifications and architectural, mechanical, electrical, plumbing, and site drawings. Consult these drawings for locations and dimensions of openings, chases, inserts, reglets, sleeves, depressions, and other details not shown on structural drawings.
- All dimensions and conditions must be verified in the field. Any discrepancies shall be brought to the attention of the engineer before proceeding with the affected part of the work.
- Do not scale plans.
- Sections and details shown on any structural drawings shall be considered typical for similar conditions.
- All proprietary products shall be installed in accordance with the manufacturers written instructions.
- The structure is designed to be self supporting and stable after the Building is complete. It is the contractor's sole responsibility to determine erection procedures and sequencing to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting temporary bracing, guys or tie downs. Such material shall remain the property of the contractor after completion of the project.
- All applicable federal, state, and municipal regulations shall be followed, including the federal department of labor occupational safety and health act.

DESIGN LOADS:

- Building code: IRC International Building Code (2003).
- Design Live Loads: (Ground snow load = 60 PSF)
Roof.....42 PSF + Drift
Habitable Spaces.....40 psf
- Design wind loads are based on exposure B using 100 mph basic wind speed.
- Seismic design per IBC 2003 Code.

TIMBER FRAMING:

- All timber framing shall be in accordance with the AITC timber construction manual or the national design specifications (NDS) -latest edition.
- Individual timber framing members shall be visually graded, minimum grade #2 Spruce-Pine-Fir (SPF), kiln dried to 19% moisture content.
- Pressure treated lumber shall be used where wood is in contact with ground, concrete or masonry. Timber shall be southern yellow pine treated with cca to 0.4 #/CF in accordance with AWPA C-18.
- Metal connectors shall be used at all timber to timber connections or as noted on the design drawings.
- Provide Simpson H2.5 hurricane anchors where timber framing and/or trusses bear on structural steel beams or bearing walls.
- Nailing not specified shall conform with IBC 2003.
- Roof sheathing shall be 5/8" APA rated sheathing w/ H-clips. Attach sheathing to all supports using 10d nails spaced at 6" o.c. at panel edges and 6" o.c. at intermediate supports.
- Wall sheathing shall be 1/2" APA rated sheathing. Attach sheathing to all supports using 10d nails spaced at 4" o.c. at panel edges and 6" o.c. at intermediate supports. All panel edges shall be blocked with 2x solid blocking.
- Floor sheathing shall be 3/4" APA rated sheathing. Attach sheathing with construction adhesive and 10d ring shank nails at 6" o.c. at panel edges and intermediate.